

Title (en)  
AUGMENTATION OF ELECTRICAL CONDUCTION AND CONTRACTIBILITY BY BIPHASIC CARDIAC PACING ADMINISTERED VIA THE CARDIAC BLOOD POOL

Title (de)  
ERHÖHUNG DER ELEKTRISCHEN LEITFÄHIGKEIT UND DER KONTRAKTIONSKRAFT DES HERZENS MITTELS ZWEIPHASIGER REIZUNG DES INTRAVASALRAUMES DES HERZENS

Title (fr)  
AUGMENTATION DE LA CONDUCTION ELECTRIQUE ET DE LA CONTRACTILITE PAR STIMULATION CARDIAQUE BIPHASIQUE ADMINISTREE A TRAVERS LE POOL SANGUIN INTRACARDIAQUE

Publication  
**EP 1064048 B1 20041020 (EN)**

Application  
**EP 99903109 A 19990113**

Priority  

- US 9900879 W 19990113
- US 863698 A 19980116

Abstract (en)  
[origin: WO9936124A1] Augmentation of electrical conduction and contractibility by biphasic cardiac pacing. A first stimulation phase is administered to the cardiac blood pool. This first stimulation phase has a predefined polarity, amplitude and duration. A second stimulation phase is then administered to the cardiac blood pool. This second phase also has a predefined polarity, amplitude and duration. The two phases are applied sequentially. Contrary to current thought, anodal stimulation is first applied and followed by cathodal stimulation. In this fashion, pulse conduction through the cardiac muscle is improved together with the increase in contractibility.

IPC 1-7  
**A61N 1/362**

IPC 8 full level  
**A61N 1/36** (2006.01); **A61N 1/362** (2006.01); **A61N 1/368** (2006.01); **A61N 1/37** (2006.01); **A61N 1/365** (2006.01)

CPC (source: EP US)  
**A61N 1/362** (2013.01 - EP US); **A61N 1/3622** (2013.01 - EP US); **A61N 1/368** (2013.01 - EP US); **A61N 1/3712** (2013.01 - EP US); **A61N 1/36514** (2013.01 - EP US)

Citation (examination)  

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